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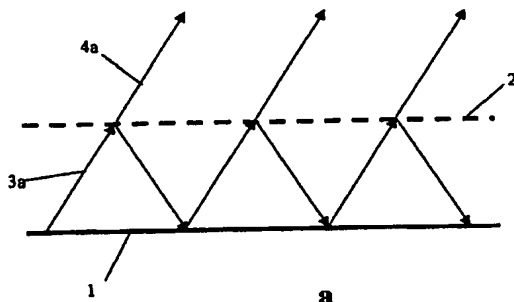
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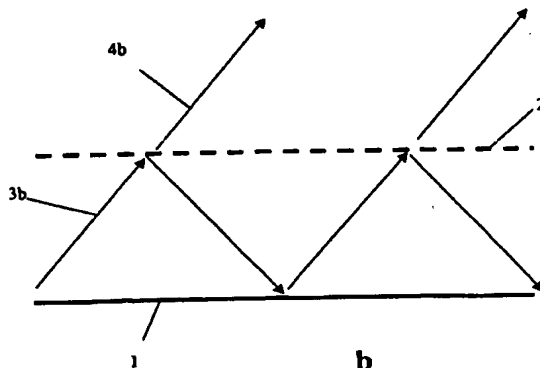
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(54) Title: RADIATION CONTROLLER INCLUDING REACTIVE ELEMENTS ON A DIELECTRIC SURFACE



(57) Abstract: A device for controlling electromagnetic ra-  
diation emitted by a structure is described. The device has a  
reactive element comprising an array of conductors disposed  
on a dielectric surface such that the displacement between a  
conductor and any other conductor adjacent to it is small com-  
pared to the wavelength of the electromagnetic radiation. As  
such, the array of conductors represents an effectively contin-  
uous conductive surface to the electromagnetic radiation and  
the surface impedance of the conductive surface (2) is reac-  
tive.



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